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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=3; day=19; hr=13; min=41; sec=43; ms=274; ]

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## Validated By CRFValidator v 1.0.3

Application No: 10705300 Version No: 3.1

Input Set:

Output Set:

**Started:** 2008-03-19 13:40:30.679 **Finished:** 2008-03-19 13:40:32.486

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**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 807 ms

Total Warnings: 0

Total Errors: 2

No. of SeqIDs Defined: 391

Actual SeqID Count: 391

## Error code Error Description

E 104 Command to process tag does not exist: Tag:  $2_{i_D}$ 

E 104 Command to process tag does not exist: Tag: 2\_ii\_D

## SEQUENCE LISTING

- (1) GENERAL INFORMATION:
  - (i) APPLICANT: PARMA, et al.
  - (ii) TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
    TO LECTINS
  - (iii) NUMBER OF SEQUENCES: 391
  - (iv) CORRESPONDENCE ADDRESS:
    - (A) ADDRESSEE: Swanson & Bratschun, L.L.C.
    - (B) STREET: 8400 E. Prentice Avenue, Suite 200
    - (C) CITY: Englewood
    - (D) STATE: Colorado
    - (E) COUNTRY: USA
    - (F) ZIP: 80111
  - (v) COMPUTER READABLE FORM:
    - (A) MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
    - (B) COMPUTER: IBM pc compatible
    - (C) OPERATING SYSTEM: MS-DOS
    - (D) SOFTWARE: WordPerfect 6.0
  - (vi) CURRENT APPLICATION DATA:
    - (A) APPLICATION NUMBER: 10705300
    - (B) FILING DATE: 10-NOV-2003
    - (C) CLASSIFICATION: <Unknown>
  - (vii) PRIOR APPLICATION DATA:
    - (A) APPLICATION NUMBER: US/08/952,793
    - (B) FILING DATE: 20-NOV-1997
    - (A) APPLICATION NUMBER: PCT/US96/09455
    - (B) FILING DATE: 05-JUN-1995
    - (A) APPLICATION NUMBER: 08/479,724
    - (B) FILING DATE: 07-JUN-1995
    - (A) APPLICATION NUMBER: 08/472,256
    - (B) FILING DATE: 07-JUN-1995
    - (A) APPLICATION NUMBER: 08/472,255
    - (B) FILING DATE: 07-JUN-1995
    - (A) APPLICATION NUMBER: 08/477,829
    - (B) FILING DATE: 07-JUN-1995
  - (viii) ATTORNEY/AGENT INFORMATION:
    - (A) NAME: Barry J. Swanson
    - (B) REGISTRATION NUMBER: 33,215
    - (C) REFERENCE/DOCKET NUMBER: NEX40C/PCT
    - (ix) TELECOMMUNICATION INFORMATION:
      - (A) TELEPHONE: (303) 793-3333
      - (B) TELEFAX: (303) 793-3433
- (2) INFORMATION FOR SEQ ID NO: 1:
  - (i) SEQUENCE CHARACTERISTICS:
    - (A) LENGTH: 98 base pairs
    - (B) TYPE: nucleic acid
    - (C) STRANDEDNESS: single
    - (D) TOPOLOGY: linear
  - (ii) MOLECULE TYPE: RNA
  - (ix) FEATURE:
    - (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine
  - (ix) FEATURE:
    - (D) OTHER INFORMATION: All U's are 2'-NH2 uracil
  - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GGGAAAAGCG	AAUCAUACAC	AAGANNNNNN	ииииииииии	иииииииии	50
имимимими	ииииииииии	NNNNGCUCCG	CCAGAGACCA	ACCGAGAA	9,8

(2) INFORMATION FOR SEQ ID NO: 2: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: RNA (ix) FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine (ix) FEATURE: (D) OTHER INFORMATION: All U's are 2'-NH2 uracil (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2: UAAUACGACU CACUAUAGGG AAAAGCGAAU CAUACACAAG A 41 (2) INFORMATION FOR SEQ ID NO: 3: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: RNA (ix) FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine (ix) FEATURE: (D) OTHER INFORMATION: All U's are 2'-NH2 uracil (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3: UUCUCGGUUG GUCUCUGGCG GAGC 24 (2) INFORMATION FOR SEQ ID NO: 4: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 96 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: RNA (ix) FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine (ix) FEATURE: (D) OTHER INFORMATION: All U's are 2'-NH2 uracil (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4: GGGAAAAGCG AAUCAUACAC AAGAAUGGUU GGCCUGGGCG CAGGCUUCGA 5.0 AGACUCGGCG GGAACGGGAA UGGCUCCGCC AGAGACCAAC CGAGAA 96 (2) INFORMATION FOR SEQ ID NO: 5: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: RNA (ix) FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine

(D) OTHER INFORMATION: All U's are 2'-NH2 uracil

(ix) FEATURE:

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  GGGAAAAGCG AAUCAUACAC AAGACAGGCA CUGAAAACUC GGCGGGAACG  AAAGUAGUGC CGACUCAGAC GCGUGCUCCG CCAGAGACCA ACCGAGAA	50 98
(2)	INFORMATION FOR SEQ ID NO: 6:  (i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 91 base pairs	
	(B) TYPE: nucleic acid (C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:	
	GGGAAAAGCG AAUCAUACAC AAGAAGUCUG GCCAAAGACU CGGCGGGAAC	50
	GUAAAACGGC CAGAAUUGCU CCGCCAGAGA CCAACCGAGA A	91
(2)	INFORMATION FOR SEQ ID NO: 7:	
` ,	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 94 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  GGGAAAAGCG AAUCAUACAC AAGAGUAGGA GGUUCCAUCA CCAGGACUCG	50
	GCGGGAACGG AAGGUGAUGS GCUCCGCCAG AGACCAACCG AGAA	94
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	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 95 base pairs	
	(B) TYPE: nucleic acid (C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:	
	GGGAAAAGCG AAUCAUACAC AAGAACAAGG AUCGAUGGCG AGCCGGGGAG	50
	GGCUCGGCGG GAACGAAAUC UGCUCCGCCA GAGACCAACC GAGAA	95
(2)	INFORMATION FOR SEQ ID NO: 9:	
(4)	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 97 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	

(ix) FEATURE:

	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:	
	GGGAAAAGCG AAUCAUACAC AAGAUUGGGC AGGCAGAGCG AGACCGGGGG	50
	CUCGGCGGGA ACGGAACAGG AAUGCUCCGC CAGAGACCAA CCGAGAA	97
	COCCOCCIA MCCAMICACO MACCOCCO CALCACACA COCACAM	,
(2)	THEODMATION FOR GEO ID NO. 10.	
(2)	-	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 97 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:	
		ΕO
	GGGAAAAGCG AAUCAUACAC AAGAAAGGGA UGGGAUUGGG ACGAGCGGCC	50
	AAGACUCGGC GGGAACGAAG GGUGCUCCGC CAGAGACCAA CCGAGAA	97
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	(A) LENGTH: 96 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:	
		F 0
	GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGAAA GUGUCAUGGU	50
	AGCAAGUCCA AUGGUGGACU CUGCUCCGCC AGAGACCAAC CGAGAA	96
(2)	INFORMATION FOR SEQ ID NO: 12:	
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	(A) LENGTH: 98 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:	
	GGGAAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGUGA AGUGGGUAGG	50
	UAGCUGAAGA CGGUCUGGGC GCCAGCUCCG CCAGAGACCA ACCGAGAA	98
(2)	INFORMATION FOR SEQ ID NO: 13:	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 99 base pairs	
	(B) TYPE: nucleic acid	

(C) STRANDEDNESS: single

		(D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: RNA	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 13:	
	GGG.	AAAAGCG AAUCAUACAC AAGAAAGGGA UGGGAUUGGG ACGAGCGGCC	50
	AAG.	ACUCGGC GGGAACGAAG GGUCCGCUCC GCCAGAGACC AACCGAGAA	99
(2)	INFO	RMATION FOR SEQ ID NO: 14:	
	(i)	SEQUENCE CHARACTERISTICS:	
		(A) LENGTH: 98 base pairs	
		(B) TYPE: nucleic acid	
		(C) STRANDEDNESS: single	
		(D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: RNA	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
		SEQUENCE DESCRIPTION: SEQ ID NO: 14:	
		AAAAGCG AAUCAUACAC AAGACUCGGC GGGAACGAAG UGUGUGAGUA	50
	ACG.	AUCACUU GGUACUAAAA GCCCGCUCCG CCAGAGACCA ACCGAGAA	98
(2)	INFO	RMATION FOR SEQ ID NO: 15:	
(2)		SEQUENCE CHARACTERISTICS:	
	\ - <i>r</i>	(A) LENGTH: 100 base pairs	
		(B) TYPE: nucleic acid	
		(C) STRANDEDNESS: single	
		(D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: RNA	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 15:	
	GGG.	AAAAGCG AAUCAUACAC AAGACUCGGC GGGAAUCGAA AGUGUACUGA	50
	AUU.	AGAACGG UGGGCCUGCU CAUCGUGCUC CGCCAGAGAC CAACCGAGAA	100
(2)	INFO	RMATION FOR SEQ ID NO: 16:	
	(i)	SEQUENCE CHARACTERISTICS:	
		(A) LENGTH: 103 base pairs	
		(B) TYPE: nucleic acid	
		(C) STRANDEDNESS: single	
		(D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: RNA	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 16:	
	GGG.	AAAAGCG AAUCAUACAC AAGACUCGGC GGGAAUCGUA AUGUGGAUGA	50
	UAG	CACGAUG GCAGYAGUAG UCGGACCGCG CUCCGCCAGA GACCAACCGA	100
	GAA		103

	(i)	SEQUENCE CHARACTERISTICS:	
		(A) LENGTH: 98 base pairs	
		(B) TYPE: nucleic acid	
		(C) STRANDEDNESS: single	
		(D) TOPOLOGY: linear	
		MOLECULE TYPE: RNA	
	(1X)	FEATURE:	
	( = \	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(1X)	FEATURE:	
	( i \	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
		SEQUENCE DESCRIPTION: SEQ ID NO: 17:  AAAAGCG AAUCAUACAC AAGACAGCGG CGGAGUCAGU GAAAGCGUGG	50
		GYGCGGG AGGUCUACCC UGACGCUCCG CCAGAGACCA ACCGAGAA	98
	000	STOCOOU MODUCONCCC VONCOCCO CENONONCEN NECONOM	70
(2)	INFO	RMATION FOR SEQ ID NO: 18:	
, ,		SEQUENCE CHARACTERISTICS:	
	, ,	(A) LENGTH: 95 base pairs	
		(B) TYPE: nucleic acid	
		(C) STRANDEDNESS: single	
		(D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: RNA	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 18:	
	GGG.	AAAAGCG AAUCAUACAC AAGACGGCUG UGUGUGGUAG CGUCAUAGUA	50
	GGA	GUCGUCA CGAACCAAGG CGCUCCGCCA GAGACCAACC GAGAA	95
(2)	INFO	RMATION FOR SEQ ID NO: 19:	
(2)		SEQUENCE CHARACTERISTICS:	
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(2)	(i) (ii) (ix)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
(2)	(i) (ii) (ix)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear MOLECULE TYPE: RNA FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine FEATURE:	
(2)	(i) (ii) (ix) (ix)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
(2)	(i) (ii) (ix) (ix)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:	5.0
(2)	(i) (ii) (ix) (ix) (xi) GGG	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA	50 98
(2)	(i) (ii) (ix) (ix) (xi) GGG	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:	50 98
(2)	(ii) (ii) (ix) (ix) (xi) GGG. GUA	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA	
	(ii) (iii) (ix) (ix) (xi) GGG. GUA	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA  GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA	
	(ii) (iii) (ix) (ix) (xi) GGG. GUA	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA  GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20:	
	(ii) (iii) (ix) (ix) (xi) GGG. GUA	(A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear MOLECULE TYPE: RNA FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine FEATURE: (D) OTHER INFORMATION: All U's are 2'-NH2 uracil SEQUENCE DESCRIPTION: SEQ ID NO: 19: AAAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:	
	(ii) (iii) (ix) (ix) (xi) GGG. GUA	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA  GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 97 base pairs	
	(ii) (iii) (ix) (ix) (xi) GGG. GUA	(A) LENGTH: 98 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA  GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 97 base pairs  (B) TYPE: nucleic acid	
	(ii) (ii) (ix) (ix) (xi) GGG. GUA INFO. (i)	(A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear MOLECULE TYPE: RNA FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine FEATURE: (D) OTHER INFORMATION: All U's are 2'-NH2 uracil SEQUENCE DESCRIPTION: SEQ ID NO: 19: AAAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS: (A) LENGTH: 97 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	
	(ii) (iii) (ix) (xi) GGG GUA INFO (i)	(A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear MOLECULE TYPE: RNA FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine FEATURE: (D) OTHER INFORMATION: All U's are 2'-NH2 uracil SEQUENCE DESCRIPTION: SEQ ID NO: 19: AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS: (A) LENGTH: 97 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ii) (iii) (ix) (xi) GGG GUA INFO (i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE: (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA  GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20:  SEQUENCE CHARACTERISTICS: (A) LENGTH: 97 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  MOLECULE TYPE: RNA	
	(ii) (ix) (ix) (xi) GGG. GUA INFO (i) (ii)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE: (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE: (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA  GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20:  SEQUENCE CHARACTERISTICS: (A) LENGTH: 97 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:	
	(ii) (ix) (ix) (xi) GGG. GUA INFO (i) (ii)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA  GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 97 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ii) (iix) (ix) (xi) GGG. GUA INFO. (ii) (ii) (iix)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 98 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 19:  AAAAGCG AAUCAUACAC AAGACGGCUG UGUGGUGUUG GAGCGUCAUA  GGAGUCG UCACGAACCA AGGCGCUCCG CCAGAGACCA ACCGAGAA  RMATION FOR SEQ ID NO: 20:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 97 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:	

(2)	INFO	RMATION FOR SEQ ID NO: 21:	
	(i)	SEQUENCE CHARACTERISTICS:	
		(A) LENGTH: 95 base pairs	
		(B) TYPE: nucleic acid	
		(C) STRANDEDNESS: single	
		(D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: RNA	
		FEATURE:	
	( /	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix)	FEATURE:	
	( ±2\$ )	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	/ 3z i \	SEQUENCE DESCRIPTION: SEQ ID NO: 21:	
		AAAAGCG AAUCAUACAC AAGACGUGCG GAGCAAAUAG GGGAUCAUGG	50
			95
	AGU	CGUACGA ACCGUUAUCG CGCUCCGCCA GAGACCAACC GAGAA	95
(2)	TNEO	DMATTON FOR GEO ID NO. 22.	
(2)		RMATION FOR SEQ ID NO: 22:	
	(1)	SEQUENCE CHARACTERISTICS:	
		(A) LENGTH: 97 base pairs	
		(B) TYPE: nucleic acid	
		(C) STRANDEDNESS: single	
		(D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: RNA	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix)	FEATURE:	
		(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 22:	
	GGG	AAAAGCG AAUCAUACAC AAGACUGGGG AGCAGGAUAU GAGAUGUGCG	F 0
	000.	BOUDDADAG ANDERDOM BOUDDADAG ADGADUAD BOUDDAG	50
		CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA	97
(2)	GGG		
(2)	GGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA	
(2)	GGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA	
(2)	GGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA RMATION FOR SEQ ID NO: 23: SEQUENCE CHARACTERISTICS:	
(2)	GGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs	
(2)	GGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	
(2)	GGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(2)	GGG INFO	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA	
(2)	GGG INFO	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:	
(2)	GGG INFO (i) (ii) (ii) (ix)	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
(2)	GGG INFO (i) (ii) (ii) (ix)	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine FEATURE:	
(2)	GGG  INFO  (i)  (ii)  (ix)	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
(2)	GGG INFO (i) (ii) (ix) (ix)	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:	97
(2)	GGGG INFO (i) (ii) (ix) (ix) (ix) GGG	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU	97 50
(2)	GGGG INFO (i) (ii) (ix) (ix) (ix) GGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:	97
	GGG  INFO  (ii)  (ii)  (ix)  (ix)  (xi)  GGG  GGC	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCCAACC GAGAA	97 50
	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAAA GGCUUGGCUA AGCUCCGCCA GAGAA  RMATION FOR SEQ ID NO: 24:	97 50
	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA  RMATION FOR SEQ ID NO: 24:  SEQUENCE CHARACTERISTICS:	97 50
	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA  RMATION FOR SEQ ID NO: 24:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 94 base pairs	97 50
	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA  RMATION FOR SEQ ID NO: 24:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 94 base pairs  (B) TYPE: nucleic acid	97 50
	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA  RMATION FOR SEQ ID NO: 24:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 94 base pairs	97 50
	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	CAAUGGA GUCGUGACGA ACCGCUCCGC CAGAGACCAA CCGAGAA  RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA  RMATION FOR SEQ ID NO: 24:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 94 base pairs  (B) TYPE: nucleic acid	97 50
	GGG INFO (ii) (ii) (ix) (ix) (xi) GGG GGC INFO (i)	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA  RMATION FOR SEQ ID NO: 24:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 94 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	97 50
	GGG INFO (ii) (iii) (ix) (xi) GGG GGC INFO (ii)	RMATION FOR SEQ ID NO: 23:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 95 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  MOLECULE TYPE: RNA  FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine  FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil  SEQUENCE DESCRIPTION: SEQ ID NO: 23:  AAAAGCG AAUCAUACAC AAGAGUCCGC CCCCAGGGAU GCAACGGGGU  UCUAAAA GGCUUGGCUA AGCUCCGCCA GAGACCAACC GAGAA  RMATION FOR SEQ ID NO: 24:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 94 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	97 50

(ix) FEATURE:

	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24: GGGAAAAGCG AAUCAUACAC AAGAGAGAAU GAGCAUGGCC GGGGCAGGAA	50
	GUGGGUGGCA ACGGAGGCCA GCUCCGCCAG AGACCAACCG AGAA	94
(2)	INFORMATION FOR SEQ ID NO: 25: (i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 95 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:  (D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil (xi) SEOUENCE DESCRIPTION: SEO ID NO: 25:	
	GGGAAAAGCG AAUCAUACAC AAGAGAUACA GCGCGGGUCU AAAGACCUUG	50
	CCCCUAGGAU GCAACGGGGU GGCUCCGCCA GAGACCAACC GAGAA	95
(2)	INFORMATION FOR SEQ ID NO: 26:	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 97 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26:	E O
	GGGAAAAGCG AAUCAUACAC AAGAUGAAGG GUGGUAAGAG AGAGUCUGAG CUCGUCCUAG GGAUGCAACG GCAGCUCCGC CAGAGACCAA CCGAGAA	50 97
(2)	INFORMATION FOR SEQ ID NO: 27:	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 99 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:  (D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27:	_
	GGGAAAAGCG AAUCAUACAC AAGACAAACC UGCAGUCGCG CGGUGAAACC	50
	UAGGGUUGCA ACGGUACAUC GCUGUGCUCC GCCAGAGACC AACCGAGAA	99
(2)	INFORMATION FOR SEQ ID NO: 28:	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 97 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: RNA

	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28:	
	GGGAAAAGCG AAUCAUACAC AAGAGUGGAC UGGAAUCUUC GAGGACAGGA	50
	ACGUUCCUAG GGAUGCAACG GACGCUCCGC CAGAGACCAA CCGAGAA	97
(2)	INFORMATION FOR SEQ ID NO: 29:	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 97 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29:	
	GGGAAAAGCG AAUCAUACAC AAGAGUGUAC CAAUGGAGGC AAUGCUGCGG	50
	GAAUGGAGGC CUAGGGAUGC AACGCUCCGC CAGAGACCAA CCGAGAA	97
(2)	INFORMATION FOR SEQ ID NO: 30:	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 97 base pairs	
	(B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: RNA	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All C's are 2'-NH2 cytosine	
	(ix) FEATURE:	
	(D) OTHER INFORMATION: All U's are 2'-NH2 uracil	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 30:	
	GGGAAAAGCG AAUCAUACAC AAGAGUCCCU AGGGAUGCAA CGGGCAGCAU	50
	UCGCAUAGG	